

Message Text

UNCLASSIFIED

PAGE 01 JIDDA 01119 01 OF 02 191437 Z

52

ACTION INT-08

INFO OCT-01 NEA-10 ADP-00 RSR-01 RSC-01 SCI-06 /027 W

----- 090675

P 191330 Z MAR 73

FM AMEMBASSY JIDDA

TO SECSTATE WASHDC PRIORITY 3507

UNCLAS SECTION 1 OF 2 JIDDA 1119

PASS OSW

E. O. 11652: N/ A

TAGS: TECH, SA

SUBJECT: JIDDA DESALTING PLANT

REF: A. JIDDA 966; B) STATE 47451

1. COMPLETE ESTIMATE AS PRESENTED EMBASSY BY LAUNDEIGAN, CONAM FOLLOWS. LIST COVERS ALL CRITICAL AND SOME NON-CRITICAL ITEMS, ACCORDING LUNDRIGAN; IT IS NOT KEYED SPECIFICALLY TO LIST OF CRITICAL ITEMS PREPARED BY OSW/ B& R TEAM. TOTAL FOR ENTIRE LIST IS SLIGHTLY OVER SR 3 MILLION.
 2. LUNDRIGAN WILL BE GIVING SAME ESTIMATE TO SWDA IN NEXT FEW DAYS. ONCE OSW HAS REVIEWED LIST, EMBASSY WILL PRESENT IT TO PRINE MOHAMMED WITH COVERING LETTER (PER REF. A) AND OSW LIST OF CRITICAL AND NON- CRITICAL ITEMS ATTACHED. FOR PURPOSES OF PRESENTATION TO MOHAMMED, WOULD APPRECIATE OSW SPECIFYING WHICH ITEMS IN CONAM ESTIMATE ARE ACTUALLY CRITICAL ONES INCLUDED IN ORIGINAL OSW NKJST IN ORDER WE CAN SO IDENTIFY THEM. WOULD ALSO NOTE IN LETTER TO MOHAMMAD THAT A COST OF THOSE NON- CRITICAL ITEMS NOT INCLUDED WILL SUBSEQUENTLY BE PROVIDED BY CONAM.
 3. WHILE EMBASSY WELCOMES OSW REVIEW OF FIGURES, WE BELIEVE NO USEFUL PURPOSE WOULD BE SERVED BY OSW' S DIS-PUTING LABOR OR OTHER COSTS AS INCLUDED IN ESTIMATE. THIS WOULD ONLY DELAY BEGINNING WORK AND WOULD MOST LIKELY
- UNCLASSIFIED

UNCLASSIFIED

PAGE 02 JIDDA 01119 01 OF 02 191437 Z

RESULT IN CONAM SUGGESTING OSW RETURN TO SAUDI ARABIA TO PERFORM ESTIMATE ITSELF. IN ANY CASE, CONAM'S FIGURES WOULD APPEAR TO BE REASONABLE ENOUGH TO BE COVERED BY LANGUAGE PROPOSED FOR EMBASSY LETTER IN PARA 4 REFTEL A.

4. ACTION NEEDED. EMBASSY AWAITS 1) OSW LIST OF NON-CRITICAL ITEMS AND 2) APPROVAL TO PRESENT CONAM ESTIMATE. IN VIEW CONTINUING URGENCY OF SITUATION, WOULD HOPE TO HAVE LETTER IN PRINCE MOHAMMED'S HANDS PRIOR TO END OF SAUDI WORK WEEK, MARCH 21, OR AS SOON THEREAFTER AS POSSIBLE.

5. FOLLOWING IS CONAM ESTIMATE, ENTITLED " ESTIMATED COST FOR EQUIPMENT, MATERIAL AND LABOR TO CORRECT DEFICIENCIES NOTED AND AGREED DURING THE OSW/ B# R ENGINEERING INSPECTION OF THE JEDDAH POWER AND DESALINATION PLANT." ORIGINAL BEING POUCHED MARCH 20 .

1. " C" SEA WATER INTAKE PUMP:

A. NEW BELL MOUTH SR 18,000
B. SPARE PUMP PARTS TO RETURN PUMP SERVICE
(PER QUOTATION) SR 8,900
C. PROTECTIVE COATING MATERIAL. SR 500
D. CRANE HIRE, THREE DAYS AT SR 600. SR 1,800
E. MANHOURS 650/ HRS. AT ST 73.50. SR 47,575
F. FEE AT 10 PERCENT SR 7,677
ESTIMATED TOTAL , 1 PUMP SR: 84,452
ESTIMATED TOTAL, 3 PUMP SR 253,356

2. INCREASE HEIGHT OF EVAPORATOR PUMPS
LIFTING GEAR BY THREE METERS:

A. DISMANTLE OLD ROOF AND INSTALLED STEEL
WORK , MANHOURS 480/ HRS. AT SR 73.50. SR. 35,280
B. ESTIMATED STEEL " I" BEAMS AND BRACING
FOR INCREASED HEIGHT AND STRUCTURAL STRENGTH SR 30,000
C. SECURING BOLTS, NUTS, PLATES, ETC SR 3,000
D. REPAIR ROOF IN ASBESTOS SHEETING. SR 10,000
E. PAINTING MATERIALS SR2,500
F. CRANE RENTAL, TEN DAYS AT SR 600. SR 6,000
G. MANHOURS 1200/ HRS. AT SR 73.50. SR 88,200
H. FEE AT 10 PERCENT SR 17,498
UNCLASSIFIED

UNCLASSIFIED

PAGE 03 JIDDA 01119 01 OF 02 191437 Z

ESTIMATED TOTAL, ONE UNIT: SR 192,478
ESTIMATED TOTAL, TWO UNITS: SR 384,956

3. RECYCLE PUMP NO. 1 EVAPORATOR:
A. VERTICAL PUMP CASING (PER QUOTATION) SR 31,000
B. REMOVAL, REPA V REINSTALLATION MANHOURS,
500/ HOURS. AT SR 73.50 SR 36,750
C. EMERGENCY REPAIRS (PERFORMED) SR 8,750
D. FEE AT 10 PERCENT SR 7,650
ESTIMATED TOTAL: SR: 84,150

4. DECARBONATOR TOWERS:
A. DISMANTLE EXISTING TOWER MANHOURS
384 / HRS. AT SR 73.50 SR 28,224
B. RECONSTRUCT NEW TOWER
MANHOURS 960/ HRS . AT 73.50 SR 70,560
C. MOLDED FIBRE GLASS EXTERIOR PANELS. SR 32,000
D. MATERIALS, PAINT EQUIPMENT, ETC. SR 47,000
E. FEE AT 10 PERCENT SR 17, 778
ESTIMATED TOTAL, ONE UNIT: SR 195,562
ESTIMATED TOTAL, TWO UNIT: SR 391,124

5. ADD SAMPLE POINT FOR DEAERATOR ANALYSIS
PER OSW / B# R RECOMMENDATION:
A. 8 METER, 1" STAINLESS STEEL PIPE,
VALVES/ SS, FITING/ SS. SR 900
B. SAMPLE COLLECTING CONTAINERS
(STAINLESS STEEL) SR 400
C. MISCELLANEOUS MATERIAL SR 100
D. MANHOURS, 40 / HRS. AT ST 73.50 SR : 2,940
E. FEE AT 10 PERCENT SR 434
ESTIMATED TOTAL, ONE UNIT: SR: 4,774
ESTIMATED TOTAL, TWO UNIT: SR 9,548

UNCLASSIFIED

ADP000
UNCLASSIFIED

PAGE 01 JIDDA 01119 02 OF 02 191449 Z

52
ACTION INT-08

INFO OCT-01 NEA-05 ADP-00 RSR-01 RSC-01 SCI-01 /017 W
----- 090805
P 191330 Z MAR 73
FM AMEMBASSY JIDDA
TO SECSTATE WASHDC PRIORITY 3508

UNCLAS SECTION 2 OF 2 JIDDA 1119

PASS OSW

E. O. 11652: N/A

TAGS: TECH, SA

SUBJECT: JIDDA DESALTING PLANT

6. MAKE LINE SUPPORTS:

A. 65 METERS, 3" ANGLE IRON SR: 3,250

B. BOLTS, NUTS, PLATES, WELDING ROD, ETC. SR 2,500

C. MANHOURS, 192 AT SR 73.50: SR 14,112

D. FEE AT 10 PERCENT. SR 1,986

ESTIMATED TOTAL, ONE UNIT: SR: 21,848

ESTIMATED TOTAL, TWO UNITS: SR: 43,696

7. RELOCATE FEED MAKEUP CONTROL

VALVE AND ACID INJECTION POINTS:

A. 6 EA., 20" FLANGES AND SPOOLS. SR 6,000

B. 30 METERS, 20" FIBERGLASS PIPE. SR 3,000

C. 20 METERS, 1" SCHEDULE 80 PIPE AND FITTINGS. SR 1,200

D. CONCRETE/CIVIL WORK. SR 2,000

E. RESERVOIR TO ELIMINATE ACID INJECTION PULSATION. SR 300

F. MANHOURS, 320 / HRS. AT SR 73.50 SR 23,520

G. FEE AT 10 PERCENT. SR 3,602

ESTIMATED TOTAL, ONE UNIT: SR 39,622

ESTIMATED TOTAL, TWO UNITS SR 79,244

8. RELOCATE FEED LINE FROM DECARBORATOR:

A. 2 EA., 20" FLANGES. SR: 2,000

B. 32 METERS, 20" FIBERGLASS PIPE SR3,200

C. 10 METER, 12" FIBERGLASS PIPE SR 800

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 JIDDA 01119 02 OF 02 191449 Z

D. REDUCTION SPOOL SR 750

E. SUPPORTS AND CONNECTION SR 1,000

F. MANHOURS, 320 HRS. AT SR 73.50 23,520

G. FEE AT 10 PERCENT SR 3,127

ESTIMATED TOTAL, ONE UNIT: SR: 34,397

ESTIMATED TOTAL, TWO UNITS: SR 68,794

9. REPLACEMENT EVAPORATOR VENTING SYSTEM:

9.1 EJECTOR CGMDENSERS:

A. NEW TITANIUM TUBES SR: 60,000

B. DISMANTLE, REMOVE EJECTOR CONDENSER, TAKE OUT
TUBES MANHOURS 800/ HRS . AT SR 73.50 58,800

C. RETUBE CONDENSERS, REPLACE EJECTORS AND TEST.

MANHOURS 900/ HRS. AT SR 73.50. SR 66,150

D. FEE AT 10 PERCENT. SR 18,495

ESTIMATED TOTAL, ONE UNIT: SR 203,445

ESTIMATED TOTAL TWO UNITS SR 406,8 90

9.2 VENT PIPING REPLACEMENT:

A. 250 METERS, 316 GRADE STAINLESS STEEL PIPE.

VARYING DIAMETERS. SR : 130,000

B. MISC. MATERIALS, WELDING ROD, SUPPORT ETC. SR 10,000

C. MANHOURS, 200/ HRS. AT SR 73.50 SR 14,700

D. FEE AT 10 PERCENT SR 15,470

ESTIMATED TOTAL, ONE UNIT: SR 170,170

ESTIMATED TOTAL, TWO UNIT SR / ERPNERP

9.3 CONDENSER DRAIN REPLACEMENT:

A. 150 METERS, 316 GRADE STAINLESS STEEL

PIPE, VARING DIAMETERS. SR: 45,000

B. MISC. MATERIALS, WELDING ROD, SUPPORTS ETC. SR 5,000

C. MANHOURS, 200/ HRS AT 73.50 SR 14,700

D. FEE AT 10 PERCENT. SR 6,470

ESTIMATED TOTAL, ONE UNIT: SR 71,170

ESTIMATED TOTAL, TWO UNIT: SR: 142,340

10 REPLACE ALL DEMISTER SUPPORT RODS AND FRAMES

TO STAINLESS STEEL:

A. 3,600 FT 3/8 " STAINLESS STEEL ROD. SR 36,000

B. 3,000 FT. 1" ANGLE STAINLESS STEEL. SR 30,000

C. WELDING ROD, FASTNERS, MISC MATERIAL. SR 7,500

D. MANHOURS, 800/ HRS. AT SR 73.50 SR 58,800

E. FEE AT 10 PERCENT SR 13,230

ESTIMATED TOTAL, ONE UNIT: SR 145,530

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 JIDDA 01119 02 OF 02 191449 Z

ESTIMATED TOTAL, TWO UNIT: SR 291,060

11. REPLACE ALL BRINE GATE LINKAGE ARMS :

A. 150 FT. 1 1/2 X 1/ 4 STAINLESS STEEL. SR: 7,500

B. WELDING ROD, BOLTS, ATTACHMENT, MISC MATERIAL. SR 1,500

C. MANHOURS, 225/ HRS. AT 73.50. SR 16,537

D. FEE AT 10 PERCENT. SR 2,553

ESTIMATED TOTAL, ONE UNIT: SR 28,090

ESTIMATED TOTAL, TWO UNIT: SR 56,180

12 REPLACE DISTILLATE LEVEL TUBING:

A. 200 FT. 3/4" STAINLESS STEEL TUBING. SR 8,000

B. WELDING ROD, ATTACHMENTS, MISC. MATERIAL. SR 1,000

C. MANHOURS 350/ HRS. AT SR 73.50 SR 25,725

D. FEE AT 10 PERCENT. SR 3,472

ESTIMATED TOTAL, ONE UNIT: SR 38,197

ESTIMATED TOTAL, TWO UNIT: SR 76,394

13. STAINLESS STEEL LINER, STAGE I VESSEL I:

13.1 PARTIAL LINING FLOOR 18" WALL- ONLY STAGE 1.

A. REMOVE EXISTING LINING MANHOURS 100/ HRS

AT SR 73.50 . SR 7,350

B. 100 SQ FT. 3/8" SHEET, 316 GRADE

STAINLESS STEEL. SR 12,000

C. WELDING ROD, MISC. MATERIALS. SR: 1,500

D. INSTALL NEW LINING

MANHOURS, 300/ HRS. AT SR 73.50 SR 22,050

E. FEE AT 10 PERCENT SR 4,290

ESTIMATED TOTAL, ONE UNIT: SR 47,190

ESTIMATED TOTAL, TWO UNIT: SR: 94,380

13.2 PARTIAL LINING- FLOOR-18" WALL ALL VESSEL 1.

A. REMOVE EXISTING LINING MANHOURS,

100 HRS. AT SR 73.50 SR: 7,350

B. 600 SQ FT. 5/8 " SHEET, 316 GRADE STAINLESS

SZIEL. SR 80,000

C. WELDING ROD, MISC. MATERIALS. SR 7,500

D. INSTALL NEW LINING, MANHOURS 1200/ HRS. AT SR 73.50 SR 88,200

E. FEE AT 10 PERCENT SR 18,305

ESTIMATED TOTAL, ONE UNIT SR 201,355

ESTIMATED TOTAL, TWO UNIT: SR: 402, 710.

THACHER

UNCLASSIFIED

UNCLASSIFIED

PAGE 04 JIDDA 01119 02 OF 02 191449 Z

UNCLASSIFIED

*** Current Handling Restrictions *** n/a

*** Current Classification *** UNCLASSIFIED

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts:
Control Number: n/a
Copy: SINGLE
Draft Date: 19 MAR 1973
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1973JIDDA01119
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: n/a
Errors: n/a
Film Number: n/a
From: JIDDA
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1973/newtext/t19730341/aaaailpo.tel
Line Count: 311
Locator: TEXT ON-LINE
Office: ACTION INT
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 6
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: A.JIDDA 966, 73 STATE 47451
Review Action: RELEASED, APPROVED
Review Authority: boyleja
Review Comment: n/a
Review Content Flags:
Review Date: 07 DEC 2001
Review Event:
Review Exemptions: n/a
Review History: RELEASED <07-Dec-2001 by elbezejf>; APPROVED <11 FEB 2002 by boyleja>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: <DBA CORRECTED> wfs 980107
Subject: JIDDA DESALTING PLANT
TAGS: TECH, SA
To: INT
SECSTATE WASHDC
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005